



City of
GREENFIELD, MASSACHUSETTS

Department of Inspections and Enforcement

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**PERMIT GUIDE - FOR EXISTING ONE & TWO FAMILY DWELLING, APPLIES
WHEN CONSTRUCTING ADDITION, PERFORMING ALTERATIONS, RENOVATIONS
SMOKE / HEAT & CARBON MONOXIDE DETECTOR REQUIREMENTS**

Massachusetts State Building Code 9th edition regulates and requires a permit for the installation or alterations to a fire protection system, i.e. smoke / heat and carbon monoxide alarm system

Additions, Alterations, Renovations to One & Two Family dwellings are regulated by 780 CMR Massachusetts State Residential Code, 9th edition.

- ❖ Additions and Occupancy Use classification are subject to review and approval for zoning purposes

To obtain a permit to alter an existing fire protection system or to install a fire protection system in an existing One-Two family dwelling, first, the owner or authorized agent must first file a permit application on a form furnished by the building official for that purpose. Such applications shall be complete and include the following information:

- A floor plan for the entire dwelling unit, individual spaces labeled for its intended use.
- Show location placement for each device and indicate the type of device.
- Information must be provided to indicate how each alarm device will receive their primary power, method used to interconnect with other alarm devices and how each device receives their backup power.
- If there is an attached garage, must show location of heat detector and connected alarm inside the dwelling.

**EXISTING BUILDINGS; ALTERATIONS, REPAIRS, AND ADDITIONS 780 CMR 9TH EDITION
MASSACHUSETTS STATE RESIDENTIAL CODE FOR ONE & TWO FAMILY DWELLINGS. (Appendix J)**

Smoke, Carbon Monoxide and Heat Protection:

Smoke, carbon monoxide and heat protection shall be provided when required by this section and designed, located and installed in accordance with the provisions for new construction. See sections R314, R314.5, and R315.

Adding or Creating One or More Sleeping Rooms:

1. Single-family Dwelling. When one or more sleeping rooms are added or created to an existing dwelling, the entire dwelling shall be provided with smoke, heat and carbon monoxide protection.

2. Two-family Dwelling. When one or more sleeping rooms are added or created to one dwelling unit that unit shall be provided with smoke, heat and carbon monoxide protection detectors. When sleeping rooms are added or created to both units the entire building shall be provided with smoke, heat and carbon monoxide protection.

3. Townhouses Dwelling Unit. When one or more sleeping rooms are added or created to an existing dwelling unit, the entire unit shall be provided with smoke, heat, and carbon monoxide protection.

Complete Reconstruction:

If a dwelling or townhouse building undergoes reconstruction such that more than 50% of walls and ceilings are open to framing, then the entire existing building shall be provided with smoke, heat and carbon monoxide protection.

Adding an Attached Garage: If a garage is created under or attached to an existing dwelling unit, a heat detector shall be provided in the garage in accordance with R314.8.

**PROPERLY LOCATED, MAINTAINED WORKING SMOKE/CARBON MONOXIDE ALARMS
SAVES LIVES**



*The City of Greenfield is an Affirmative Action/Equal Opportunity Employer,
a designated Green Community and a recipient of the "Leading by Example" Award*